

1. Feature

- ▶ High Performance
- ▶ High Reliability
- ▶ RoHS Compliant

Bandpass Filter

Part No: CBF04990M05010Q05A

Date: April.1th.2026

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Passband	4990MHz-5010MHz	
3dB Bandwidth	25MHz Max .(4990~5010MHz Max.)	
Insertion Loss	≤1.8dB@Center Frequency	
Return Loss	≥18dB	
Rejection	≥50dB@DC-4930MHz ≥50dB@5070-9000MHz ≥30dB@9000-12500MHz	
Average Power	20W	
Impedance	50 OHMS	

3. Environmental Specifications

Parameter	Specifications	Remark
Operating Environment	0°C to +40°C	
Storage Temperature	-40°C to +85°C	

4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	126.0x30.0x18.0mm (Exclusive the connectors and tuning screws)	
Connector Type	SMA-female	
Surface Finish	Black Painting	

*Professional manufacturer of
passive microwave components*

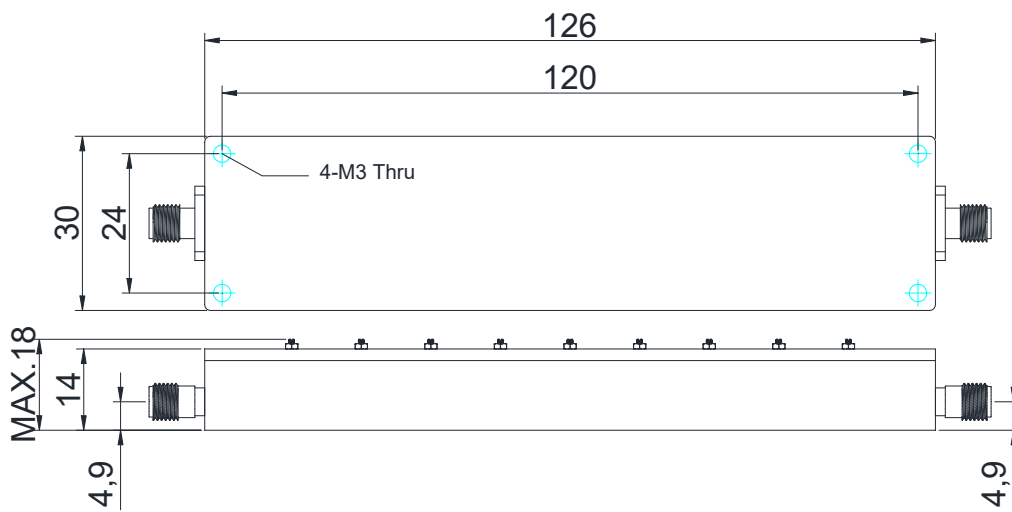
DN: CN0083-April./1th/2026

Technical Specifications



CONCEPT

5.Outline Drawing (±0.5mm)



6. Test Curve

